

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9519	427/384,385.5,389.9,392,394,396,365.cds.	US- PGPUB; USPAT; USOCR	OR	ON	2009/08/18 15:50
L2	2438	1 and (bat or batt or batting or web or webb or webbing or mat or matt or matting or nonwoven or non-woven or unwoven or un-woven)	US- PGPUB; USPAT; USOCR	OR	ON	2009/08/18 15:51
L3	4039	1 and (particle or particulate or powder\$3)	US- PGPUB; USPAT; USOCR	OR	ON	2009/08/18 15:52
L4	6127	1 and (soften\$6 or flow\$6 or melt\$6 or liquif\$6 or fuse \$3 or fusing or bond\$4)	US- PGPUB; USPAT; USOCR	OR	ON	2009/08/18 15:53
L5	65	1 and (press with (felt or belt))	US- PGPUB; USPAT; USOCR	OR	ON	2009/08/18 15:54
L6	6512	1 and (heat\$4 or thermal\$4)	US- PGPUB; USPAT; USOCR	OR	ON	2009/08/18 15:54
L7	1265	2 and 3 and 4	US- PGPUB; USPAT; USOCR	OR	ON	2009/08/18 15:54
L8	1265	2 and 3 and 4 and 7	US- PGPUB; USPAT; USOCR	OR	ON	2009/08/18 15:54
L9	1197	2 and 3 and 4 and 6	US- PGPUB; USPAT; USOCR	OR	ON	2009/08/18 15:54
L10	1197	2 and 3 and 4 and 6 and 6	US- PGPUB; USPAT; USOCR	OR	ON	2009/08/18 15:55
L11	26	2 and 3 and 4 and 6 and 5	US- PGPUB; USPAT; USOCR	OR	ON	2009/08/18 15:55
S1	1	"6712940".pn. and (particle or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 06:49
S2	0	"6998023".pn. and (particle or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 06:50

S3	0	"7267745".pn. and (particle or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 06:51
S4	0	"7260924".pn. and (particle or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 06:52
S5	0	"4795480".pn. and (particle or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 06:53
S6	0	"4896702".pn. and (particle or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 06:54
S7	0	"7138449".pn. and (particle or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 06:55
S8	0	"7105465".pn. and (particle or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 06:57
S9	0	"7207356".pn. and (particle or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 06:58
S10	0	"7089968".pn. and (particle or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 06:59
S11	0	"7118651".pn. and (particle or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:00
S12	0	"6531418".pn. and (particle or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:00
S13	1	"4847116".pn. and (particle or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:19
S14	1	"4571359".pn. and (particle or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:20
S15	0	"4772504".pn. and (particle or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:21
S16	1	"6017583".pn. and (particle or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:21
S17	1	"4357386".pn. and (particle or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:23

S18	8635	427/384,385.5,389.9,394,365.ccls.	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:48
S19	5130	S18 and ((particle or particulate or powder\$3) with (dispers\$4 or suspension or suspend\$4 or slurry))	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:50
S20	1766	S18 and (bat or batt or web or webb or nonwoven or non-woven or unwoven or un-woven)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:51
S21	1393	S19 and S20	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:51
S22	1779	S18 and binder	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:52
S23	195	S18 and ((press adj felt) or papermachine or paper-machine or (paper adj machine) or papermak\$4 or paper-mak\$4 or (paper adj maker))	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:53
S24	63	S19 and S20 and S22 and S23	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:54
S25	0	S24 and ((press adj felt) or press-felt or pressfelt)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:54
S26	23	S24 and (calendar\$4 or calandar\$4 or calender\$4)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:55
S27	42	S24 and (viscosity)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:56
S28	0	S24 and (antisetttl\$4 or anti-settl\$4 or (anti adj settling))	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:56
S29	35	S24 and (wetting or surfactant or (surface adj active) or surface-active or tenside)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:58
S30	22	S27 and S29	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 07:58
S31	5	S18 and ((press adj felt) or press-felt or pressfelt)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 08:01
S32	2	S21 and ((press adj felt) or press-felt or pressfelt)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 08:05

S33	1	"6531033".pn. and (viscosity or wetting or surfactant or binder or resin)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 09:07
S34	1	"6531033".pn. and (size or diameter)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 09:33
S35	1	"5298124".pn. and (viscosity or wetting or surfactant or binder or resin or batt or web or webb or need\$)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 09:39
S36	1	"5298124".pn. and (particle or particulate or powder \$3)	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 09:42
S37	42	S24 and viscosity	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 10:18
S38	1	S24 and (viscosity adj (agent or modifier))	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 10:18
S39	2	S21 and (antisettl\$4 or anti-settl\$4 or (anti adj settl\$))	US- PGPUB; USPAT; USOCR	OR	ON	2008/04/13 10:20
S40	2	("6531033" or "5298124").pn.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/30 14:56
S41	2	S40 and ((soften\$6 or flow\$6 or melt\$6 or liquif\$6)	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/30 14:57
S42	5	("5508095" or "4847116" or "4571359" or "4267227" or "4357386").pn.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/30 15:02
S43	5	S42 and ((soften\$6 or flow\$6 or melt\$6 or liquif\$6)	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/30 15:02
S44	8783	427/384,385,5,389,9,394,365.ccls.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/30 15:10
S45	1665	S44 and (((particle or particulate or powder\$3 or flak \$4) with (dispers\$4 or suspension or suspend\$4 or slurry))	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/30 15:12
S46	759	S44 and (((particle or particulate or powder\$3 or flak \$4) with (soften\$6 or flow\$6 or melt\$6 or liquif\$6))	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/30 15:12
S47	2228	S44 and (bat or batt or batting or web or webb webbing or mat or matt or matting or nonwoven or non-woven or unwoven or un-woven)	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/30 15:14

S48	256	S44 and ((press adj felt\$4) or press-felt\$4 or pressfelt\$4 or papermachine or paper-machine or (paper adj machine) or papermak\$4 or paper-mak\$4 or (paper adj mak\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 15:16
S49	151	S45 and S46 and S47	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 15:17
S50	12	S45 and S46 and S47 and S48	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 15:17
S51	655	S44 and (calendar\$4 or calandar\$4 or calender\$4 or calander\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 15:56
S52	2747	S44 and (wetting or surfactant or (surface adj active) or surface-active or tenside or ("4"\$ethoxyl\$6 near5 ether))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 15:58
S53	57	S44 and (antisettl\$4 or anti-settl\$4 or (anti adj settl\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 15:59
S54	3398	S44 and viscosity	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 15:59
S55	5	S45 and S46 and S47 and S48 and S51	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 16:00
S56	8	S45 and S46 and S47 and S48 and S52	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 16:00
S57	5	S43	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 16:00
S58	0	S45 and S46 and S47 and S48 and S53	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 16:01
S59	7	S45 and S46 and S47 and S48 and S54	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 16:01
S60	0	S45 and S46 and S47 and S51 and S52 and S53 and S54	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 16:02
S61	30	S45 and S46 and S47 and S51	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 16:02
S62	5	S45 and S46 and S47 and S51 and S48	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/30 16:02

S63	1	"6036819".pn.	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/31 14:02
S64	0	S63 and ((particle or particulate or powder\$3 or flak\$4) with (soften\$6 or flow\$6 or melt\$6 or liquif\$6))	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/31 14:03
S65	1	S63 and (particle or particulate or powder\$3 or flak\$4)	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/31 14:03
S66	1	S63 and (calendar\$4 or calandar\$4 or calender\$4 or calander\$4)	US- PGPUB; USPAT; USOCR	OR	ON	2008/10/31 14:05
S67	1	"4847116".pn.	US- PGPUB; USPAT; USOCR	OR	ON	2008/12/29 19:00
S68	0	S67 and (dispers\$6 or emulsif\$6)	US- PGPUB; USPAT; USOCR	OR	ON	2008/12/29 19:04
S69	19	("3772746"   "4267227"   "4357386"   "4446187"   "4569883"   "4571359"   "4772504"   "5071697"   "5187005"   "5346516"   "5346932"   "5508094"   "5585161"   "5637375"   "5789052"   "5971897"   "6017583"   "6337112"   "7259117").PN.	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/12 15:34
S70	1	"4571359".pn.	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/25 16:06
S71	19	("3772746"   "4267227"   "4357386"   "4446187"   "4569883"   "4571359"   "4772504"   "5071697"   "5187005"   "5346516"   "5346932"   "5508094"   "5585161"   "5637375"   "5789052"   "5971897"   "6017583"   "6337112"   "7259117").PN.	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/25 16:08
S72	15	S71 and (soften\$6 or flow\$6 or melt\$6 or liquif\$6 or fuse\$3 or fusing)	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/25 16:09
S73	1	"6036819".pn.	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/25 16:57
S74	1	S73 and (particle or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/25 16:57
S75	1	"5298124".pn.	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/25 16:58
S76	1	"5508094".pn.	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/26 09:39

S77	1	S76 and (particulate or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/26 09:40
S78	1	"6017583".pn.	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/26 09:41
S79	1	S77 and (bat or batt or web or webb or nonwoven or non-woven or unwoven or un-woven)	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/26 09:41
S80	1	S78 and (bat or batt or batting or web or webb or webbing or nonwoven or non-woven or unwoven or un-woven)	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/26 09:42
S81	2	("4569883" or "5187005").pn.	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/26 09:44
S82	1	S81 and (particulate or particulate)	US- PGPUB; USPAT; USOCR	OR	ON	2009/03/26 09:44
S83	9	("20090169804" or "20090203277" or "20090186546" or "20090186544" or "20070163741" or "20070060001" or "20050181694" or "7297233" or "20060019567").pn.	US- PGPUB; USPAT; USOCR	OR	ON	2009/08/17 09:04
S84	9	("20090169804" or "20090203277" or "20090186546" or "20090186544" or "20070163741" or "20070060001" or "20050181694" or "7297233" or "20060019567").pn.	US- PGPUB; USPAT; USOCR	OR	ON	2009/08/17 13:11
S85	9	S84 and (particulate or particulate or powder or melt\$4 or fuse or fusing or soften\$4 or flow\$4 or diameter)	US- PGPUB; USPAT; USOCR	OR	ON	2009/08/17 13:11

## EAST Search History (Interference)

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